- 2 reduc\$3 same (shop near5 time) same vehicle same maintain\$4 same facility - 3 remote with inbound with vehicle with inspection - 2 reduc\$3 same (shop near5 time) same vehicle same maintain\$4 2 reduc\$3 same (shop near5 time) same vehicle same maintain\$4 2 reduc\$3 same (shop near5 time) same vehicle same maintain\$4	Time stamp 2002/11/18 14:19
maintain\$4 same facility US-PGPUB; EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT US-PGPUB; EPO; JPO; DERWENT US-PGPUB; EPO; JPO; DERWENT USPAT; DERWENT USPAT; DERWENT	,,
- 3 remote with inbound with vehicle with inspection - 3 remote with inbound with vehicle with inspection - 4 reduc\$3 same (shop near5 time) same vehicle same - 5 reduc\$3 same (shop near5 time) same vehicle same - 6 reduc\$3 same (shop near5 time) same vehicle same - 7 reduc\$3 same (shop near5 time) same vehicle same - 8 reduc\$3 same (shop near5 time) same vehicle same - 9 reduc\$3 same (shop near5 time) same vehicle same - 10 reduc\$3 same - 10 reduc\$3 same - 10 reduc\$3 with time with vehicle with (maintain\$4 or 10 reduc\$4 reduc\$5 reduc	
- 3 remote with inbound with vehicle with inspection - USPAT; US-PGPUB; EPO; JPO; DERWENT - 2 reduc\$3 same (shop near5 time) same vehicle same USPAT; US-PGPUB; EPO; JPO; DERWENT - 389 reduc\$3 with time with vehicle with (maintain\$4 or USPAT; 2	
- 3 remote with inbound with vehicle with inspection USPAT; US-PGPUB; EPO; JPO; DERWENT USPAT; 2	
- 2 reduc\$3 same (shop near5 time) same vehicle same US-PGPUB; EPO; JPO; DERWENT USPAT; 2 US-PGPUB; EPO; JPO; DERWENT USPAT; 2 US-PGPUB; EPO; JPO; DERWENT USPAT; 2 DERWENT USPAT; 2	2002/11/18 12:10
- 2 reduc\$3 same (shop near5 time) same vehicle same USPAT; US-PGPUB; EPO; JPO; DERWENT - 389 reduc\$3 with time with vehicle with (maintain\$4 or USPAT; 2	2002/11/10 12:10
- 2 reduc\$3 same (shop near5 time) same vehicle same USPAT; US-PGPUB; EPO; JPO; DERWENT - 389 reduc\$3 with time with vehicle with (maintain\$4 or USPAT; 2	
- 2 reduc\$3 same (shop near5 time) same vehicle same USPAT; US-PGPUB; EPO; JPO; DERWENT USPAT; 2 - 389 reduc\$3 with time with vehicle with (maintain\$4 or USPAT; 2	
maintain\$4 US-PGPUB; EPO; JPO; DERWENT USPAT; 2	2002/11/18 12:19
EPO; JPO; DERWENT - 389 reduc\$3 with time with vehicle with (maintain\$4 or USPAT; 2	2002/11/10 12.15
- 389 reduc\$3 with time with vehicle with (maintain\$4 or USPAT; 2	
- 389 reduc\$3 with time with vehicle with (maintain\$4 or USPAT; 2	
	2002/11/18 19:16
	2002/11/10 19.10
EPO; JPO; DERWENT	
	2002/11/10 12:54
	2002/11/18 13:54
maintenance)) and (operating with parameter with (onboard US-PGPUB;	
or on-board)) EPO; JPO;	
DERWENT	200244404222
	2002/11/18 12:23
maintenance)) and (operat\$4 with parameter with (onboard US-PGPUB;	
or on-board)) EPO; JPO;	
DERWENT	
	2002/11/18 12:26
maintenance)) and ((operat\$4 with parameter) US-PGPUB;	
same(onboard or on-board)) EPO; JPO;	
DERWENT	
	2002/11/18 12:28
time with maintenance) and ((operat\$4 with parameter) US-PGPUB;	
same(onboard or on-board)) EPO; JPO;	
DERWENT	
	2002/11/18 12:42
parameter) same(onboard or on-board)) US-PGPUB;	
EPO; JPO;	
DERWENT	
	2002/11/18 12:43
parameter) and (onboard or on-board) US-PGPUB;	
EPO; JPO;	
DERWENT	
	2002/11/18 13:47
parameter) and (onboard or on-board)) and (facility with US-PGPUB;	
remote)) and (history with data) EPO; JPO;	
DERWENT	
	2002/11/18 13:47
US-PGPUB;	
EPO; JPO;	
DERWENT	
	2002/11/18 13:56
maintenance)) and (operating with parameter) and (onboard US-PGPUB;	
or on-board) EPO; JPO;	
DERWENT	
	2002/11/18 14:01
maintenance)) and (operating with parameter) and (onboard US-PGPUB;	
or on-board)) and remote EPO; JPO;	
DERWENT	
- 15 (reduc\$3 same (shop near5 time)) and vehicle and USPAT; 2	2002/11/18 14:32
(maintain\$4 or maintenance) US-PGPUB;	• •
EPO; JPO;	
DERWENT	

_	5	(reduc\$3 same (shop near5 time)) same vehicle same	USPAT;	2002/11/18 14:37
		(maintain\$4 or maintenance)	US-PGPUB;	
1			EPO; JPO;	
			DERWENT	
] -	3	((reduc\$4 with shop with time) and inspection and	USPAT;	2002/11/18 14:41
		maintenance) and remote	US-PGPUB;	, ,
		,,	EPO; JPO;	
1			DERWENT	
_	2	(((reduc\$4 with shop with time) and inspection and	USPAT;	2002/11/18 14:42
		maintenance) and remote) and onboard and operat\$3	US-PGPUB;	2002/11/10 11.12
1		maintenance) and remote) and onboard and operacipo	EPO; JPO;	,
į			DERWENT	
		(vaduat 4 with above with time) and inspection and		2002/11/10 14:22
-	9	(reduc\$4 with shop with time) and inspection and	USPAT;	2002/11/19 14:32
		maintenance	US-PGPUB;	
			EPO; JPO;	
			DERWENT	
-	2	(reduc\$4 with shop with time) and inspection and	USPAT;	2002/11/18 14:48
		maintenance and vehicle	US-PGPUB;	
			EPO; JPO;	
		·	DERWENT	
-	6	("5157610" "5781125" "5850209" "6055468"	USPAT	2002/11/18 14:48
		"6330499" "6339736").PN.		' '
_	2	(("5157610" "5781125" "5850209" "6055468"	USPAT;	2002/11/18 17:08
	_	"6330499" "6339736").PN.) and (reduc\$4 with time) and	US-PGPUB;	
		(inspection or maintenance)	EPO; JPO;	
		(hispection of maintenance)	DERWENT	
_	2	(("5157610" "5781125" "5850209" "6055468"	USPAT;	2002/11/18 17:09
_		"6330499" "6339736").PN.) and (reduc\$4 with time) and	US-PGPUB;	2002/11/10 17.03
1				
		(inspection or maintenance) and operat\$3	EPO; JPO;	
		(/ skills the series the fault of all the series the first the series the first the series the seri	DERWENT	2002/44/40 47-24
-	4	((vehicle with maintenance with facility) and (operat\$4 with	USPAT;	2002/11/18 17:34
		parameter) and (onboard or on-board)) and (facility with	US-PGPUB;	
		remote)	EPO; JPO;	
			DERWENT	
-	59	(reduc\$3 with time with vehicle with (maintain\$4 or	USPAT;	2002/11/18 19:18
		maintenance)) and remote and operat\$4	US-PGPUB;	
			EPO; JPO;	
			DERWENT	
-	28	((reduc\$3 with time with vehicle with (maintain\$4 or	USPAT;	2002/11/18 19:24
		maintenance)) and remote and operat\$4) and parameter	US-PGPUB;	
			EPO; JPO;	
			DERWENT	
-	20	(((reduc\$3 with time with vehicle with (maintain\$4 or	USPAT;	2002/11/18 19:27
		maintenance)) and remote and operat\$4) and parameter)	US-PGPUB;	
		and (histor\$5 or prior)	EPO; JPO;	
			DERWENT	
-	4	(((reduc\$3 with time with vehicle with (maintain\$4 or	USPAT;	2002/11/18 19:27
		maintenance)) and remote and operat\$4) and parameter)	US-PGPUB;	====, ==, ==, == ==,
		and histor\$5	EPO; JPO;	
			DERWENT	
<u> </u>	5127	(reduc\$4 with time) and inspection and maintenance	USPAT;	2002/11/19 14:51
	312/	(reduces with time) and inspection and maintenance	US-PGPUB;	2002/11/19 17.31
		•		
			EPO; JPO; DERWENT	
	304	(/roduct4 with time) and increation and maintenance) and	1	2002/11/10 14:24
_	204	((reduc\$4 with time) and inspection and maintenance) and	USPAT;	2002/11/19 14:34
		vehicle and trend	US-PGPUB;	
			EPO; JPO;	
			DERWENT	
-	73	(((reduc\$4 with time) and inspection and maintenance) and	USPAT;	2002/11/19 14:36
		vehicle and trend) and remote and operat\$3 and parameter	US-PGPUB;	
			EPO; JPO;	
L			DERWENT	

•	55	((((reduc\$4 with time) and inspection and maintenance) and vehicle and trend) and remote and operat\$3 and parameter)	USPAT; US-PGPUB;	2002/11/19 14:42
		and schedule\$3	EPO; JPO; DERWENT	
-	7	(((((reduc\$4 with time) and inspection and maintenance)	USPAT;	2003/05/16 09:33
		and vehicle and trend) and remote and operat\$3 and	US-PGPUB;	
		parameter) and schedule\$3) and downtime	EPO; JPO; DERWENT	
_	25	(((((reduc\$4 with time) and inspection and maintenance) and	USPAT;	2002/11/19 14:46
		vehicle and trend) and remote and operat\$3 and parameter)	US-PGPUB;	
		and (schedule\$3 with maintenance)	EPO; JPO;	
	20	(((((reduc\$4 with time) and inspection and maintenance)	DERWENT USPAT;	2002/11/19 14:46
	20	and vehicle and trend) and remote and operat\$3 and	US-PGPUB;	2002/11/13 14.40
		parameter) and (schedule\$3 with maintenance)) and	EPO; JPO;	
		histor\$3	DERWENT	
-	82	(reduc\$4 with time with (inspection or maintenance)) and	USPAT;	2002/11/19 17:28
		vehicle and remote and operat\$3 and parameter	US-PGPUB; EPO; JPO;	
			DERWENT	
-	1	((reduc\$4 with time with (inspection or maintenance)) and	USPAT;	2002/11/19 14:54
		vehicle and remote and operat\$3 and parameter) and	US-PGPUB;	
		(repair with shop with inspection)	EPO; JPO; DERWENT	
-	3	((reduc\$4 with time with (inspection or maintenance)) and	USPAT;	2003/05/16 09:36
		vehicle and remote and operat\$3 and parameter) and	US-PGPUB;	, ,
		(repair with shop)	EPO; JPO;	
_	0	(reduc\$4 with time with (inspection or maintenance)) and	DERWENT USPAT;	2002/11/19 17:29
		vehicle and remote and operat\$3 and parameterand and	US-PGPUB;	2002/11/15 17.25
		locomotive	EPO; JPO;	
	10	1	DERWENT	2002/44/40 47-20
-	18	locomotive and maintenance and (fault with code)	USPAT; US-PGPUB;	2002/11/19 17:30
			EPO; JPO;	
			DERWENT	
-	17	(locomotive and maintenance and (fault with code)) and	USPAT;	2002/11/19 17:31
		parameter and remote and operat\$3	US-PGPUB; EPO; JPO;	
			DERWENT	
-	1	"5566091".PN.	USPAT	2002/11/19 18:07
-	0	(702/\$.ccls. or 700/\$.ccls. or 701/\$.ccls. or 706/\$.ccls. or	USPAT; US-PGPUB;	2003/05/16 09:40
		714/\$.ccls. or 340/\$.ccls.) and ((reduc\$4 with time with (inspection or maintenance)) and locomotive and ((fault or	EPO; JPO;	
		fail or error) with code) and operat\$3 and parameter) and	DERWENT	
		(trend with toward with range)		2000/05/46 00 44
-	0	((computer or CPU or microcomputer or microprocessor or processor or controller) with operat\$3) and ((reduc\$4 with	USPAT; US-PGPUB;	2003/05/16 09:41
		time with (inspection or maintenance)) and locomotive and	EPO; JPO;	
		((fault or fail or error) with code) and operat\$3 and	DERWENT	
	_	parameter) and (trend with toward with range)	LICEAT	2002/05/45 42 25
-	3	702/\$.ccls. and ((computer or CPU or microcomputer or microprocessor or processor or controller) with operat\$3)	USPAT; US-PGPUB	2003/05/16 10:02
		and (reduc\$4 with time with (inspection or maintenance))	03 FGF00	
		and locomotive		
-	0	702/\$.ccls. and ((computer or CPU or microcomputer or	USPAT;	2003/05/16 10:04
		microprocessor or processor or controller) with operat\$3) and (reduc\$4 with time with (inspection or maintenance))	US-PGPUB	
		and ((fault or fail or error) with code) and operat\$3 and		
		parameter and (trend with toward with range)		

-	0	(702/\$.ccls. or 700/\$.ccls. or 701/\$.ccls. or 706/\$.ccls. or	USPAT;	2003/05/16 10:04
	}	714/\$.ccls. or 340/\$.ccls.) and ((computer or CPU or	US-PGPUB	
		microcomputer or microprocessor or processor or controller)		
		with operat\$3) and (reduc\$4 with time with (inspection or		
		maintenance)) and ((fault or fail or error) with code) and		
		operat\$3 and parameter and (trend with toward with range)		